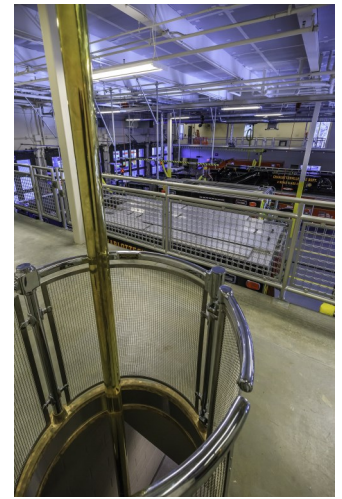


Fontaine Fire Station

USGBC LEED Certification Level - Platinum



- First new City fire station built since 1962
- Facility design provides “training by design” built-in mechanisms for firefighter training
- Placed into service in January 2014
- Community meeting space available



Green Building Elements

SITE

- Site is located within 1/2 mile of ten basic community services and several residential districts
- Served by two public bus lines within 1/4 mile walking distance
- Amenities provided to encourage use of bicycles as alternate transportation
- Charging stations for electric vehicles
- Two biofilters and 20,000 gallon rainwater harvesting systems in place for stormwater management
- Drought tolerant landscaping requiring no irrigation
- High albedo (highly reflective) materials minimize heat island effect

BUILDING

- 92% construction debris diverted from the landfill
- 28% of total building materials, by value, manufactured using recycled materials
- 61% of total building materials, by value, manufactured and extracted within 500 miles of the project site
- Low or no VOC-emitting construction materials and finishes used throughout the project
- 51% potable water use reduction from baseline by using low flow fixtures and on-site captured rainwater (cistern) for toilet flushing and washing of fire apparatus
- Efficient standing column well geothermal heating and cooling system; CO2 controlled, dedicated ventilation
- Tankless domestic water heating system
- Extensive natural lighting throughout the facility, supplemented by 24 solar tubes
- On-site renewable energy production with a 17.7 kW photovoltaic (PV) roof-mounted system
- LED light fixtures coupled with occupancy sensors used throughout the facility
- Modeled energy cost savings of 48%